

How to get Port Utilization on DGS-3100 via SNMP

MIB: rIStatistics.mib

OIDs:

RX

1.3.6.1.4.1.171.10.94.89.89.141.2.1.1

The screenshot shows a MIB browser window for DLINK-3100-STATISTICS-MIB. The tree view on the left shows the path: rIStatisticsPortEntry > rIStatisticsPortRx. The right pane displays the following details:

Object name	rIStatisticsPortRx
Object ID	1.3.6.1.4.1.171.10.94.89.89.141.2.1.1
Module	DLINK-3100-STATISTICS-MIB
Base syntax	Counter
Composed syntax	Counter
Access	Read-Only
Status	Current
Parent node	rIStatisticsPortEntry
First child	None
Description	Amount of inbound traffic per port

TX

1.3.6.1.4.1.171.10.94.89.89.141.2.1.2

The screenshot shows a MIB browser window for DLINK-3100-STATISTICS-MIB. The tree view on the left shows the path: rIStatisticsPortEntry > rIStatisticsPortTx. The right pane displays the following details:

Object name	rIStatisticsPortTx
Object ID	1.3.6.1.4.1.171.10.94.89.89.141.2.1.2
Module	DLINK-3100-STATISTICS-MIB
Base syntax	Counter
Composed syntax	Counter
Access	Read-Only
Status	Current
Parent node	rIStatisticsPortEntry
First child	None
Description	Amount of outbound traffic per port

Utilization

1.3.6.1.4.1.171.10.94.89.89.141.2.1.3

The screenshot shows a MIB browser window for DLINK-3100-STATISTICS-MIB. The tree view on the left shows the path: rIStatisticsPortEntry > rIStatisticsPortUtilization. The right pane displays the following details:

Object name	rIStatisticsPortUtilization
Object ID	1.3.6.1.4.1.171.10.94.89.89.141.2.1.3
Module	DLINK-3100-STATISTICS-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..10000
Parent node	rIStatisticsPortEntry
First child	None
Description	utilization percentage per port

Command Examples:

```
snmpwalk -v 2c -c private 10.90.90.90 1.3.6.1.4.1.171.10.94.89.89.141.2.1.1.23
```



Port Number

```
snmpwalk -v 2c -c private 10.90.90.90 1.3.6.1.4.1.171.10.94.89.89.141.2.1.2.16
```